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(54) Electroluminescent device

(57) An electroluminescent device comprising: a first charge-carrier injecting layer for injecting positive charge-carriers; a second charge-carrier injecting layer for injecting negative charge-carriers; a layer of a first organic material located between the charge-carrier injecting layers; and located between the layer of a first organic material and one of the charge-carrier injecting layers: a first light-emissive region comprising a light-emissive second organic material having an energy-gap less than that of the first organic material; and a second

light-emissive region comprising a first component of a light-emissive third organic material having an energy-gap greater than that of the first organic material, and a second component having at least one energy level offset from that of the first component; such that when charge-carriers are injected in the first region by the charge-carrier injecting layers light is emitted principally from the second organic material and when charge-carriers are injected in the second region by the charge-carrier injecting layers light is emitted principally from the third organic material.

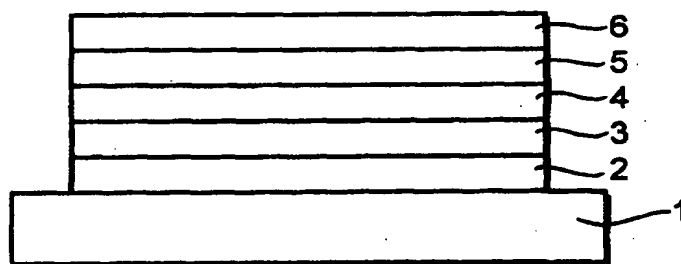


FIG. 1



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EUROPEAN SEARCH REPORT

Application Number
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The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 28 August 2001	Examiner van der Linden, J.E.
<p>CATEGORY OF CITED DOCUMENTS</p> <p>X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document</p> <p>T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document</p>			

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